

~~TOP SECRET~~
Handle via ~~AFSA~~
Control System

SIGINT MISSION 7160

Payload: P-102 GRP III-D. This payload covers the [] frequency spectrum. The system will locate emitters within 150 NM on a single intercept and within approximately plus or minus 25 NM with multiple intercepts, when the emitter is approximately at the nadir of the payload. It has a 100 kc analog recorder for environmental data.

Objectives: Primary

The objective is to satisfy the Electronic Order of Battle satellite SIGINT collection requirements which lie within the payload design capability; of particular interest are those emitters which operate in the frequency bands listed below:

- a.
- b.
- c.
- d.
- e.

[Redacted area]

25X1

Secondary

- 1. Environmental test of payload functions.
- 2. Performance of evaluation of launch and associated support.

Frequency Coverage: []

Processor: SAC/NSA

Programmed Lifetime: 30 Days

Scheduled Launch Date: September 1965

No Card

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Control No. B/E 23607-64

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Handle via COMINT
Control System

Number of Programmed Collection Orbits: 300

Total Programmed Hours of Intercept: 135

Type of Output: 1. Digital Record of each intercept.
2. 100 kc analog record of selected portions of collection revs.

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Control No. B7C 23607-64

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Grade 1a SIGINT
Control System

SIGINT MISSION 7158

Payload: P-102 GRP III-A this system covers the frequency spectrum. It accurately records emitter pulse and pulse train characteristics, and will locate radars within 150 NM on a single intercept and within approximately plus or minus 25 NM with multiple intercepts, when the emitter is approximately at the nadir of the payload.

Objectives: Primary

The objective is to satisfy the Electronic Order of Battle satellite SIGINT collection requirements which lie within the payload design capability; of particular interest are those emitters which operate in the frequency bands listed below:

- a.
- b.
- c.
- d.
- e.

25X1

Secondary

1. Environmental test of payload functions.
2. Performance of evaluation of launch and associated support.

Frequency Coverage:

Processor: SAC/NSA

Programmed Lifetime: 30 days

Scheduled Launch Date: April 1965

no card

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Control System

Number of Programmed Collection Orbits: 250

Total Programmed Hours of Intercept: 30

Type of Output: Recorder analog approximately 3 mc BW.

no card

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CONF 2-21-64
FOUO 2-21-64
CLASS. BY 23607-64

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Handle via OVEMAN
Control System

SIGINT MISSION 7159

Payload: P-102 GRP-1A this payload covers two frequency spectrums, [redacted] [redacted] it accurately records emitter pulse and pulse train characteristics, and will locate radars within 150 NM on a single intercept and within approximately plus or minus 25 NM with multiple intercepts, when the emitter is approximately at the nadir of the payload.

Objectives: Primary

The objective is to satisfy the Electronic Order of Battle satellite SIGINT collection requirements which lie within the payload design capability; of particular interest are those emitters which operate in the frequency bands listed below:

- a.
- b.
- c.

[Redacted area for frequency bands]

25X1

Secondary

- 1. Environmental test of payload functions.
- 2. Performance evaluation of launch and associated support facilities.

Frequency Coverage: [redacted]

Processor: SAC/NSA

Scheduled Launch Date: July 1965

Number of Programmed Collection Orbits: 250

Total Programmed Hours of Intercept: 30

Type of Output: Recorded analog approximately 3 mc BW.

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Control No. 51623607-64

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